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A representation of a galaxy with large-scale outflows originating from its nuclear regions. A powerful accretion disk wind with a mildly relativistic velocity has been observed in the X-ray spectrum of IRAS F11119+3257, a nearby ultraluminous infrared galaxy. The energetics of these winds support the theory that they affect the evolution of supermassive black holes and their host galaxies. **PAGES 423 & 436**

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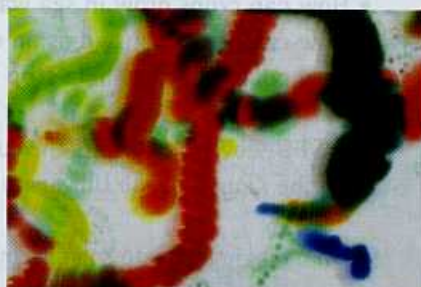
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natureOUTLOOK



BIOMATERIALS



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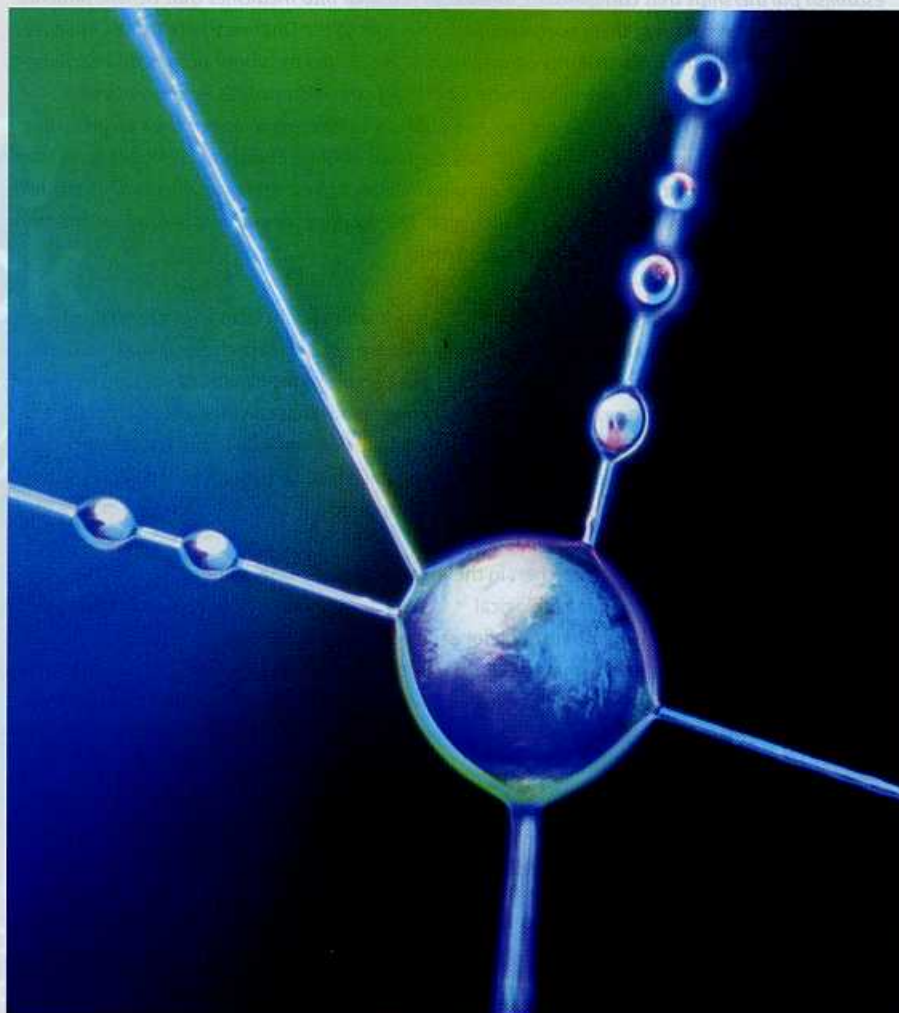
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